GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:3610
ANSWERED ON:07.12.2016
Development of Potash Fertilizer from Sea Water
Kumar Dr. Virendra

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Government has taken any steps to identify new technology for manufacturing Potash fertilizer from sea water;

(b) if so, the details thereof;

(c) whether the present demand of potash fertilizer is likely to be fulfilled through such technology; and

(d) if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES
(SHRI.Y. S. CHOWDARY)

(a) & (b): Yes madam, the Department of Science & Technology through Central Salt and Marine Chemicals Research Institute, Bhavnagar, Gujarat a constituent laboratory of Council of Scientific and Industrial Research (CSIR-CSMCRI's) in collaboration with M/s Tata Chemicals Limited (TCL), Mithapur, Gujarat has demonstrated a patented technology pilot plant for recovery of 3 tonne per day (3tpd) Sulphate of Potash (SOP) from bittern (sea water concentrate) at TCL works , Mithapur.

The CSIR-CSMCRI's has also licensed this technology to M/s Archen Chemicals Industries to set up 1.3 Lakh tonne per annum SOP plant near Hajipur, Greater Rann of Kachchh (Gujarat)

(c) & (d): No madam, through these experimental setups it is not possible to fulfill the demand of potash fertilizer in the country because the technology is still in developmental phase.

****